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The Future of Undergraduate Education, The Future of America

A Discussion with Education and Human Resources
National Science Foundation

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Top Ten Data Points

Of greatest concern

1. Unequal attainment
2. Unpreparedness
3. More borrowing
4. Default rates
5. Completion rates

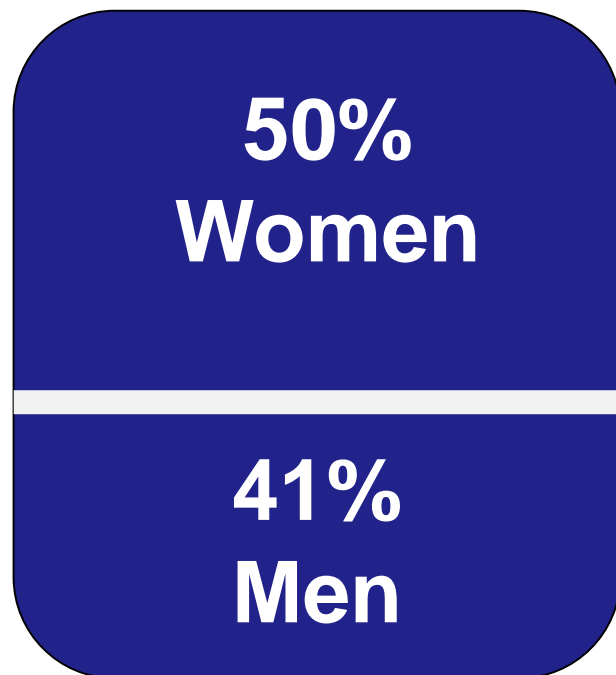
And to be clear

6. Enrollment rates
7. Acceptance rates
8. Public
9. Adults and part-timers
10. Credentials

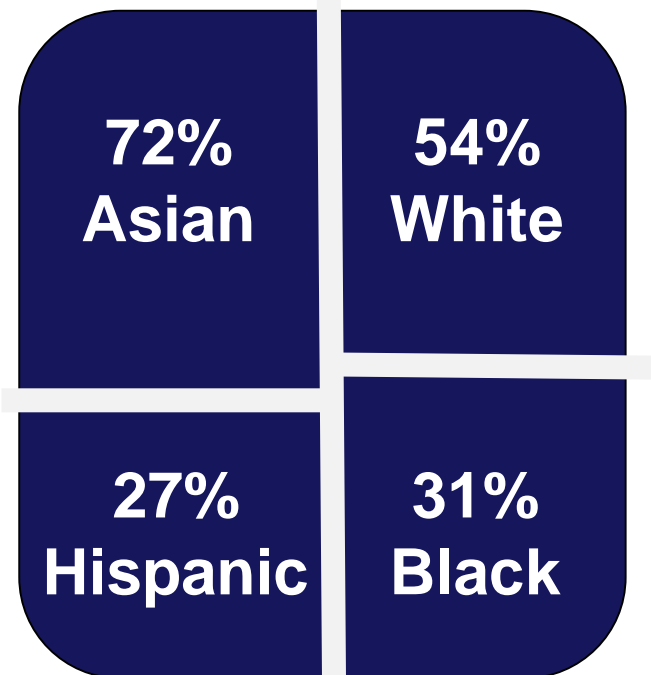


1. Unequal College Attainment Rates

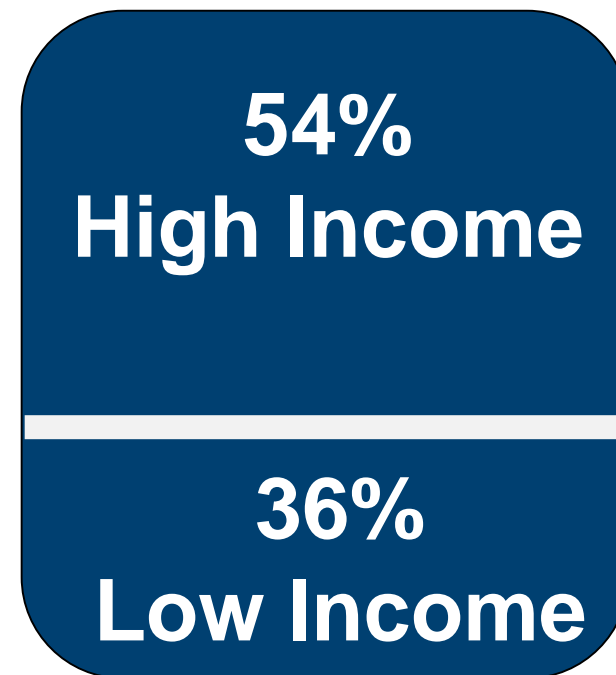
Bachelor's Degree



Associate or Higher



Bachelor's Degree





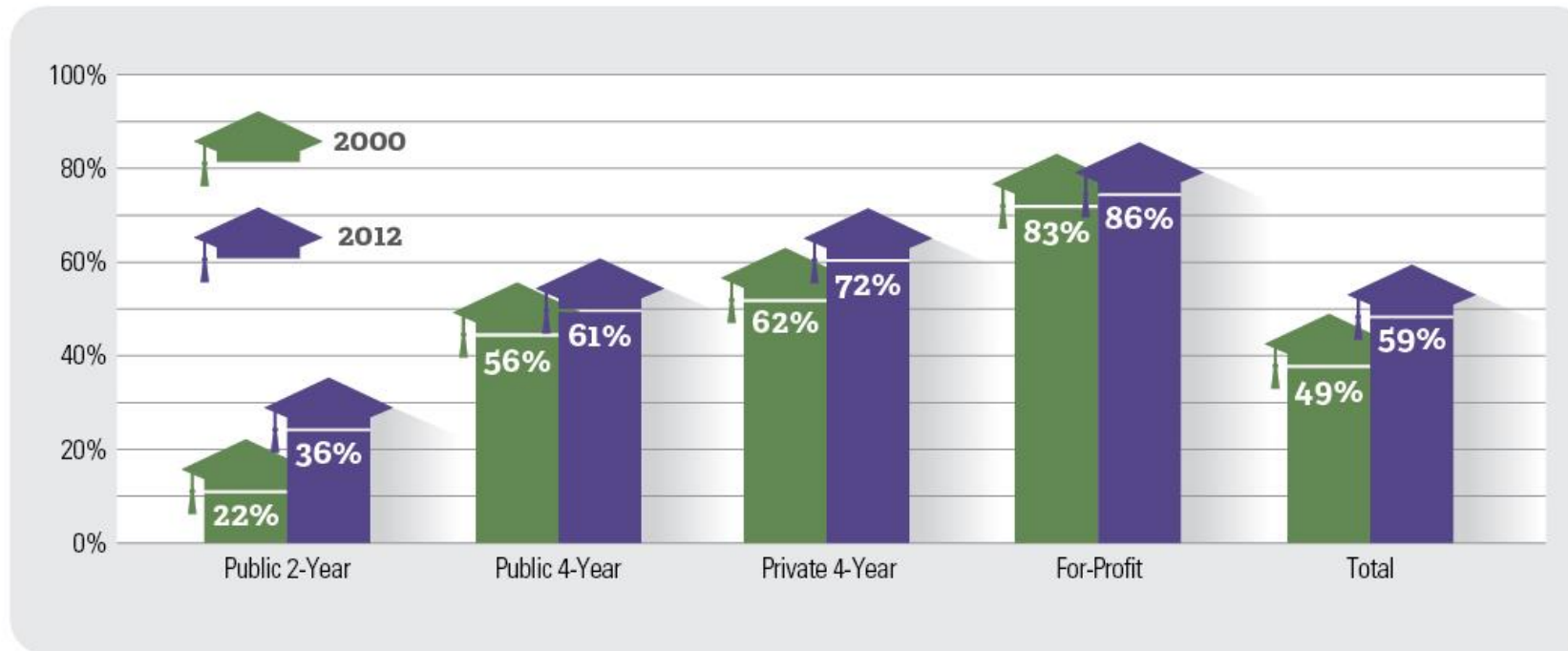
2. Academic Underpreparedness

One-half of all college students
enrolled take remedial courses



3a. More Students are Borrowing

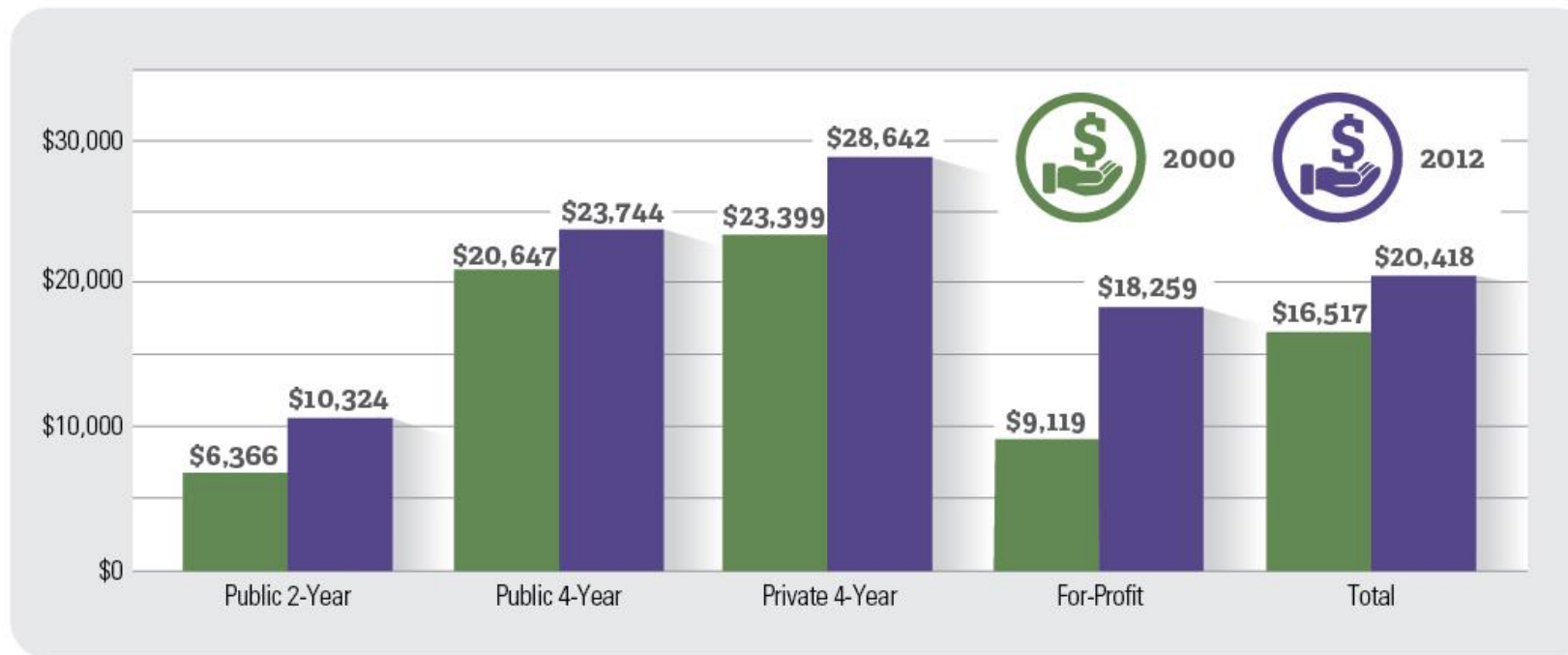
Share of College Graduates borrowing for college: 2000 and 2012





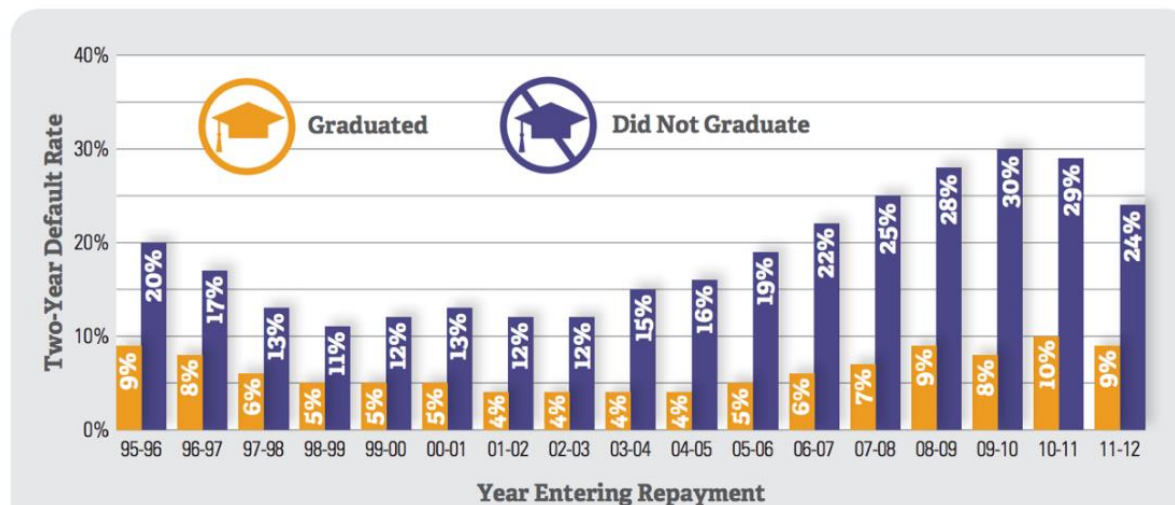
3b. More students are Borrowing More

Median Cumulative Loan Amount Borrowed in 2015 Dollars for Graduates: 2000 and 2012



4. High Default Rates for Non-Completers

Two-Year Student Loan Default Rates by Degree Completion Status: 1995–1996 to 2011–2012



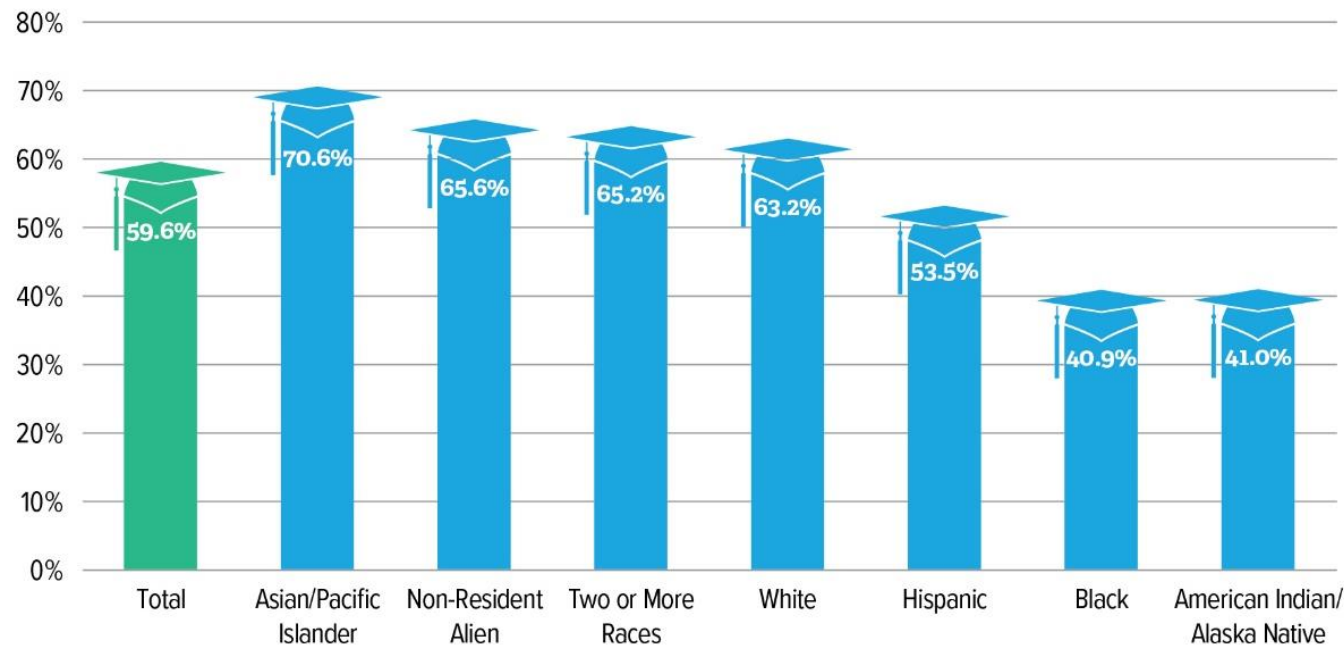
Two-Year Cohort Default Rates, Borrowers Entering Repayment in 2011–2012

	Public 2-Year	Public 4-Year	Private Nonprofit 4-Year	For-Profit	All
All Borrowers	23%	9%	7%	18%	14%
Borrowers Who Graduated	17%	6%	5%	14%	9%
Borrowers Who Did Not Graduate	29%	18%	15%	28%	24%



5a. Too Few Students Graduate/On Time

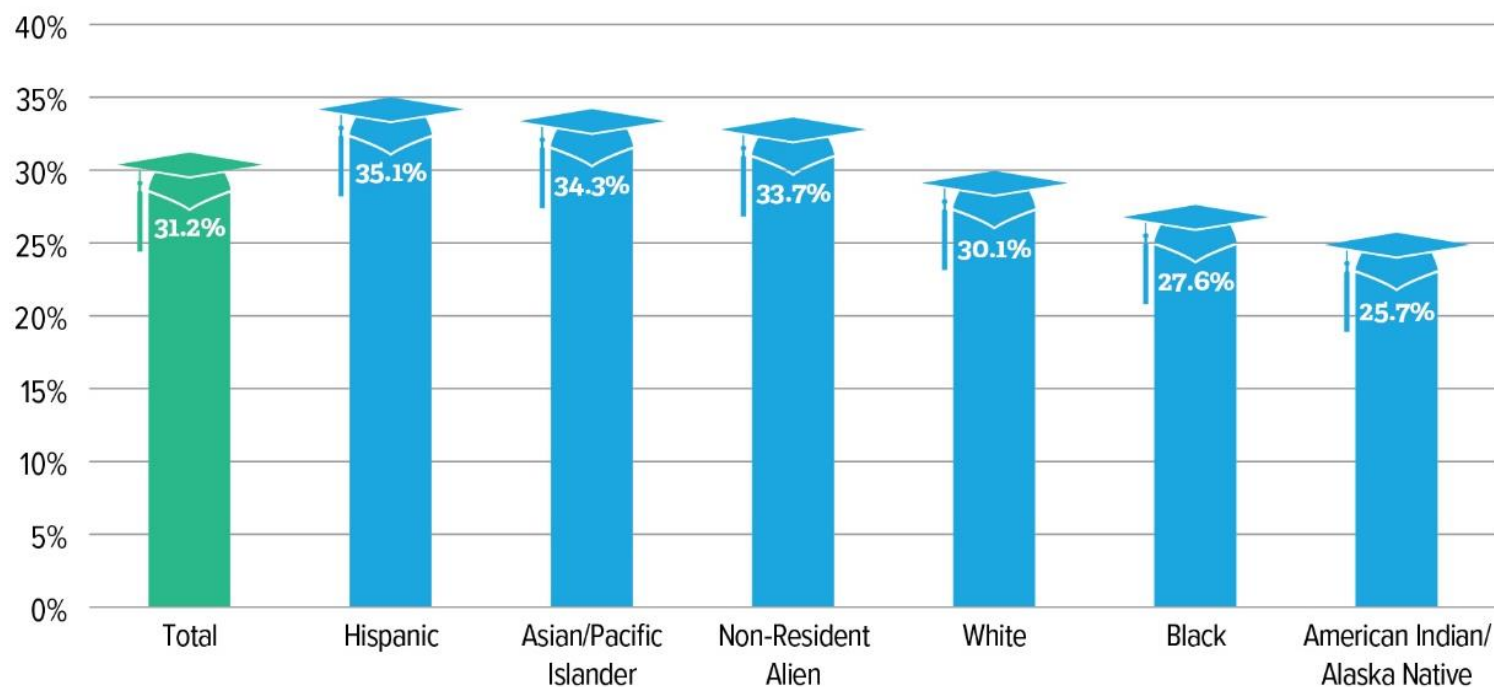
Graduation Rates at Four-Year Postsecondary Institutions, by Race/Ethnicity





5b. Too Few Students Graduate/On Time

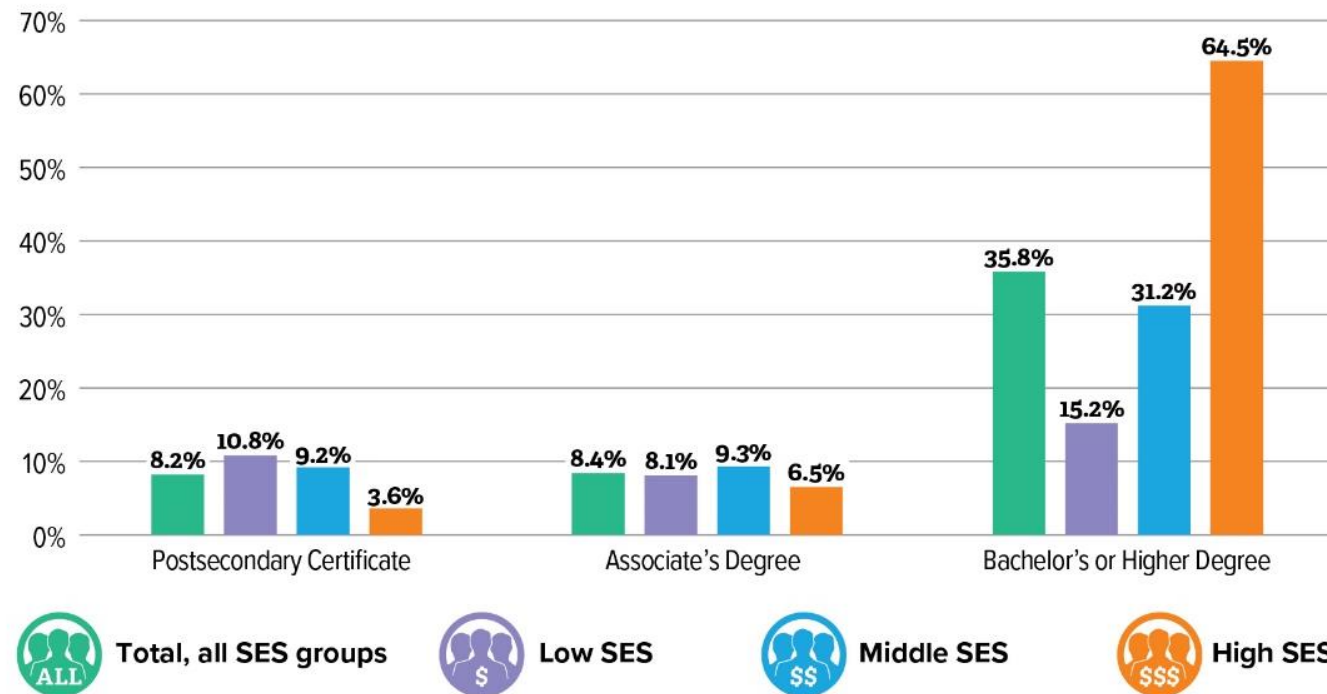
Graduation Rates from Two-Year Postsecondary Institutions, by Race/Ethnicity





5c. Too Few Students Graduate/On Time

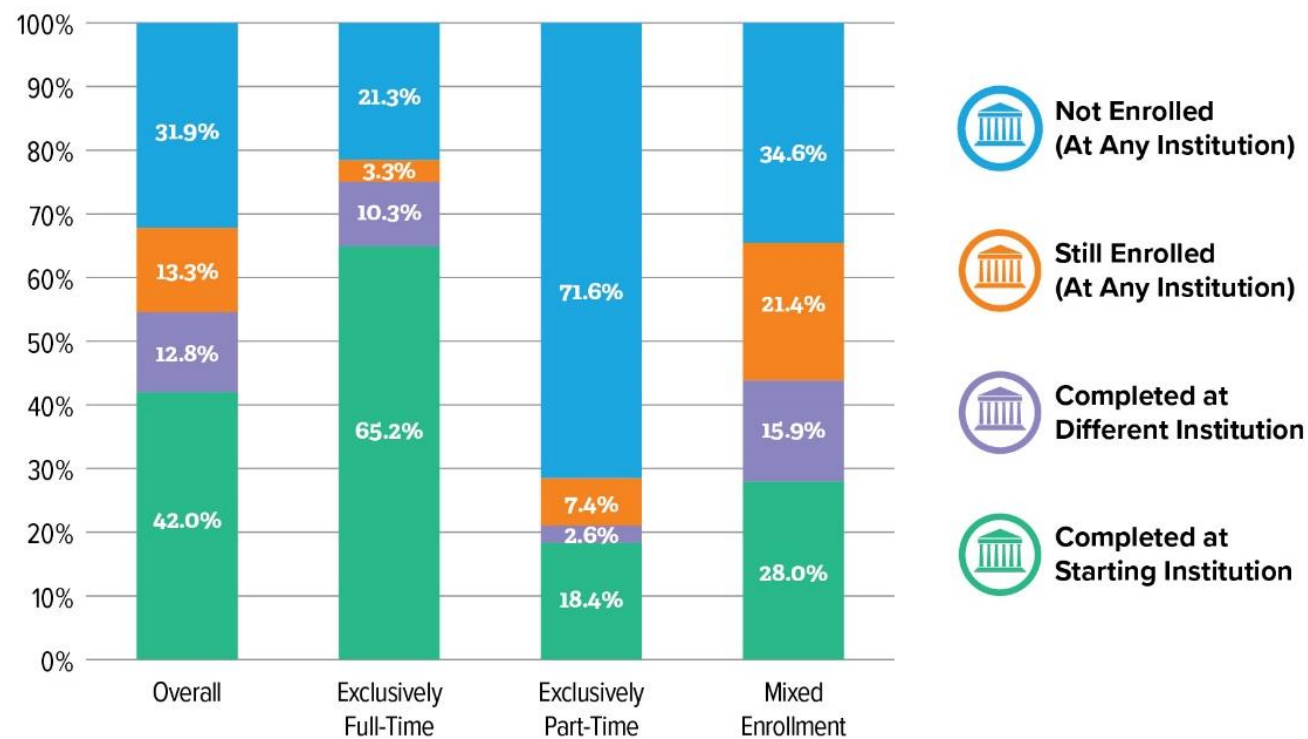
*Percentage Distribution of Spring 2002 High School Sophomores,
by Highest Level of Education Completed, and Socioeconomic Status: 2013*





5d. Too Few Students Graduate/On Time

Six-Year Outcomes by Enrollment Intensity (N=2,911,634)





6. Most Students Go to College

More than 85% of students who
graduate high school enroll
within eight years





7. Most Get In

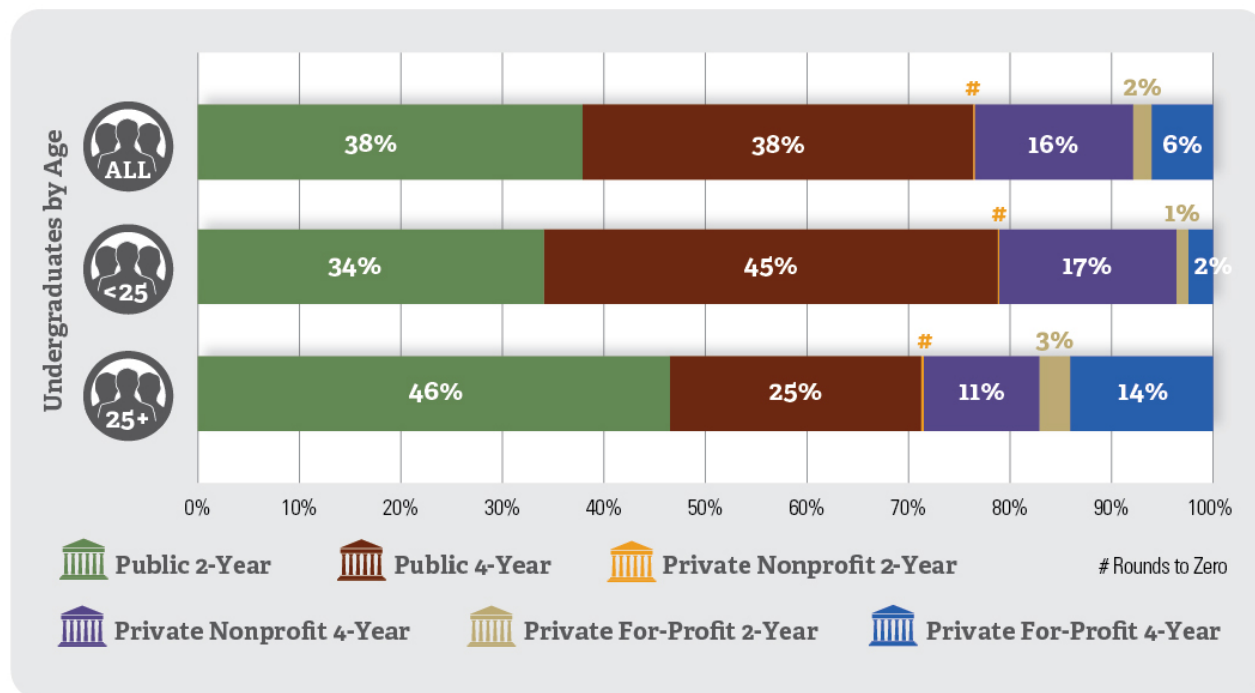
Only 1 percent of students attend “highly selective colleges” (i.e colleges that accept less than 10 percent of applicants)

More than 70 percent attend colleges that accept more than 50 percent of applicants



8a. Most go Public

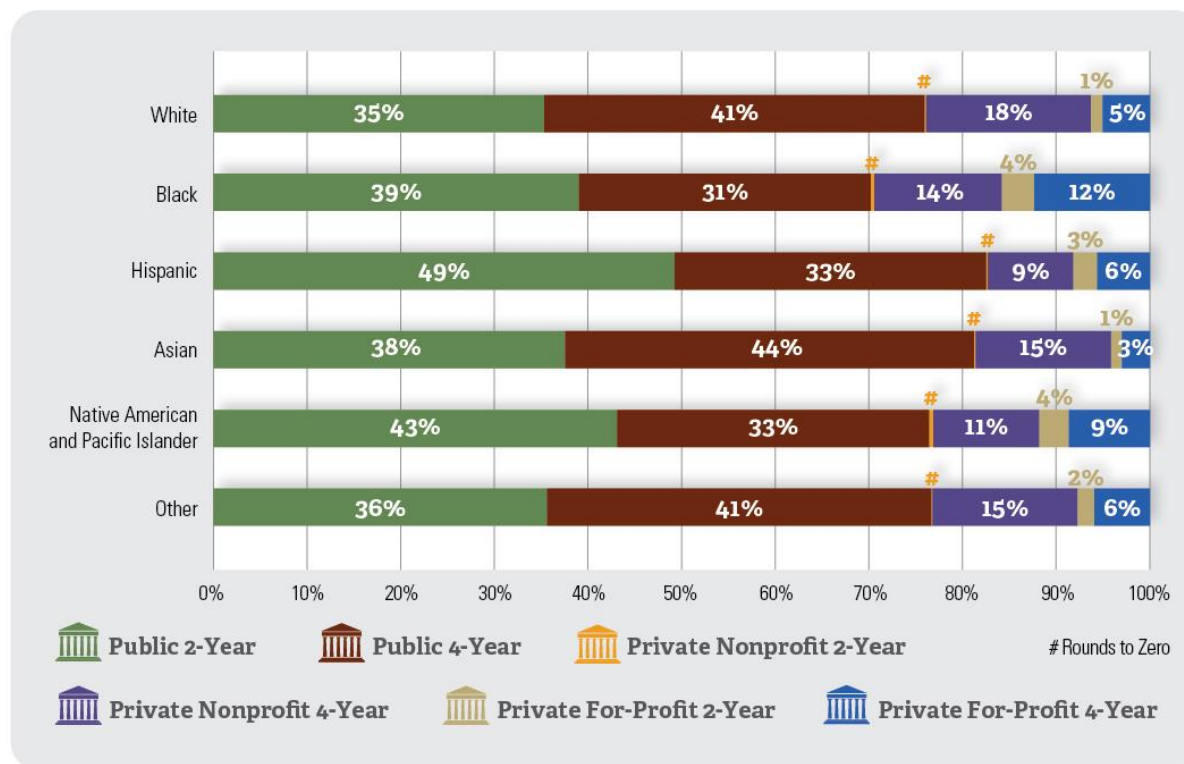
Enrollment Rates for Undergraduates by Age and Type of Institution: 2013





8b. Most go Public

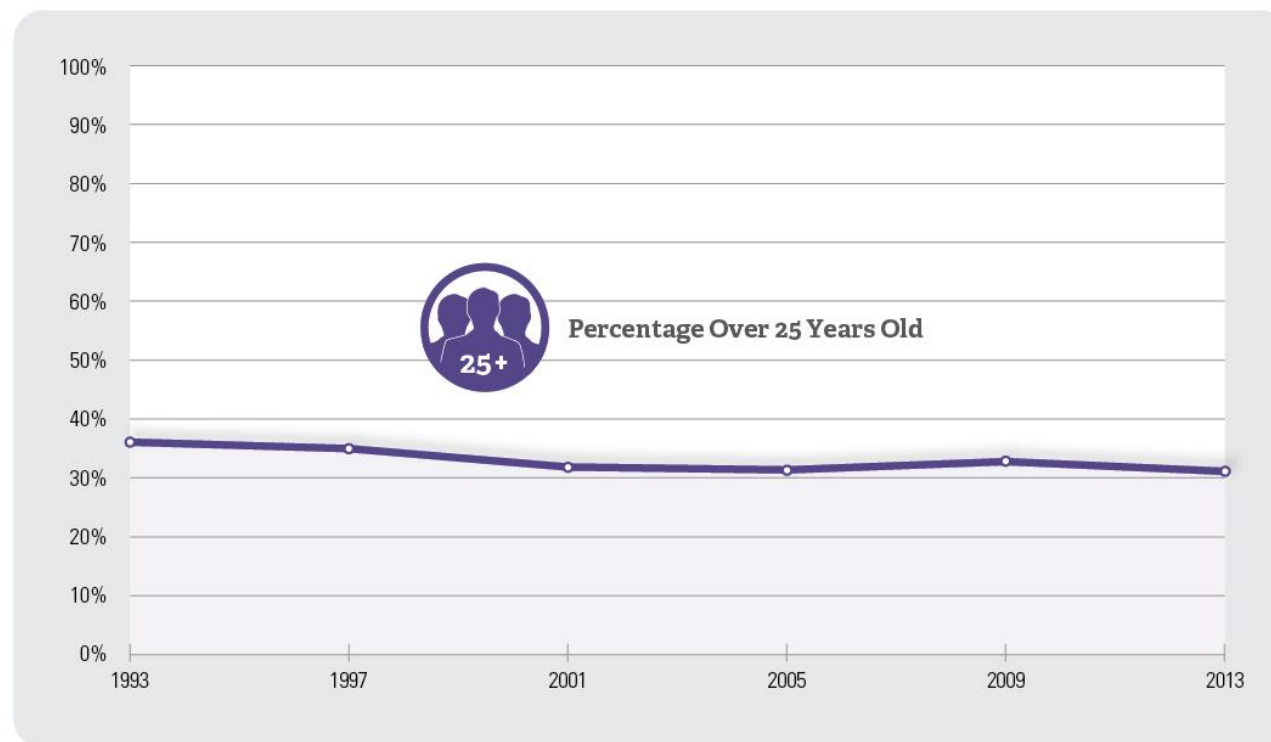
Enrollment Rates for Undergraduates by Race and Type of Institution: Fall 2013





9. Adults and Part-timers Matter

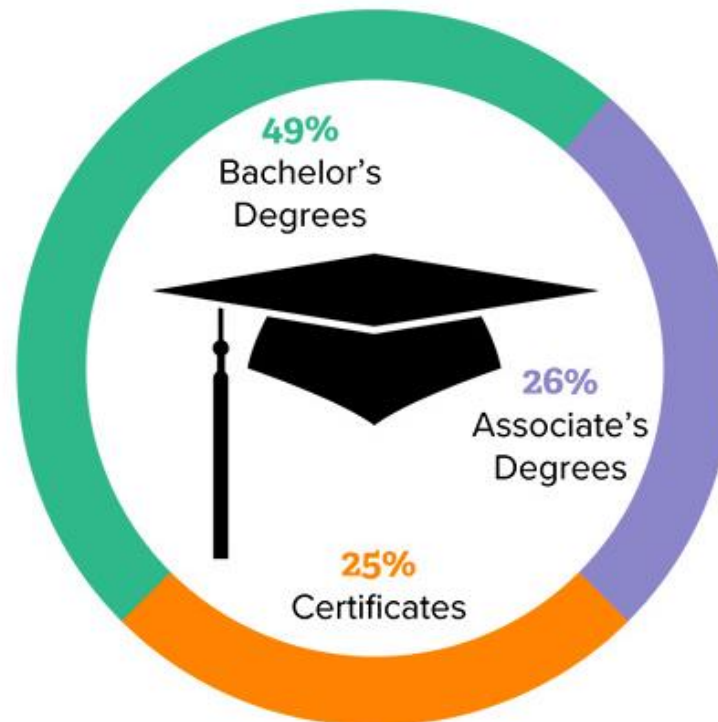
Percentage of Enrolled Students Aged 25 and Older: 1993-2013





10. It's not just about the baccalaureate

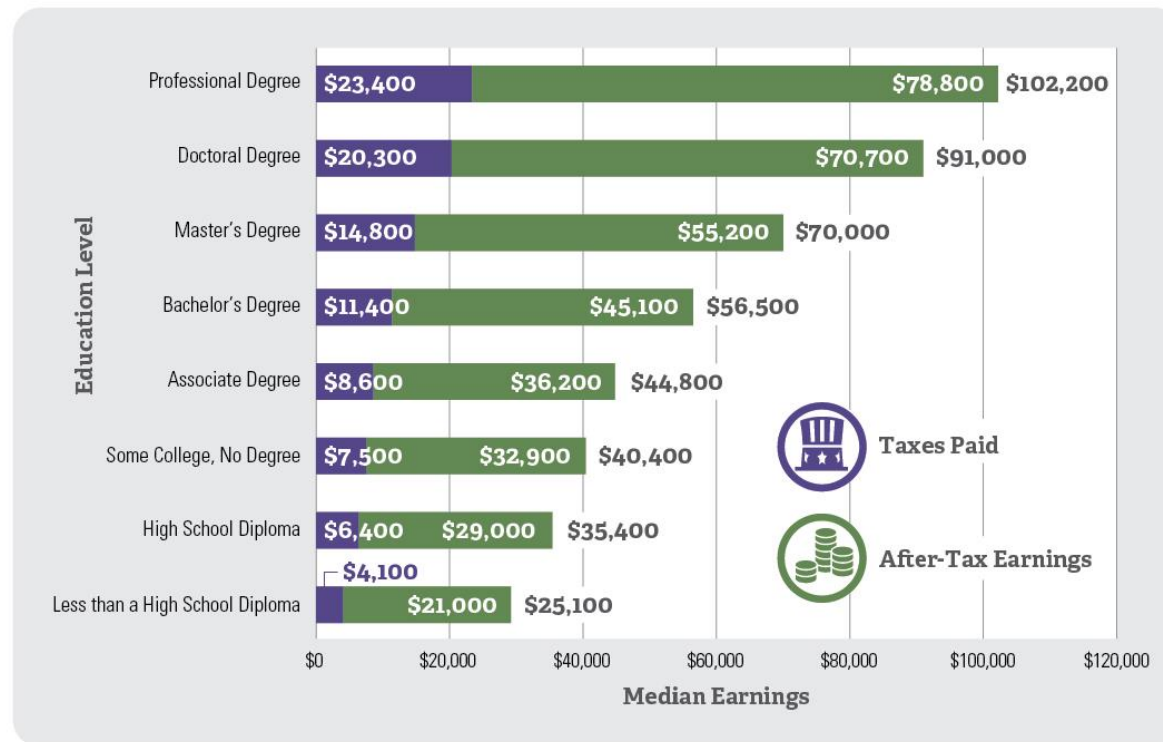
Credentials Earned





College is Worth It

Median Earnings and Tax Payments of Full-Time Year-Round Workers Aged 25 and Older, by Education Level 2011





PAUSE

Questions?
Comments?





Recovering the Nation's Educational Momentum

What was once a challenge of enrolling as many students as possible, is increasingly a challenge of:

- making sure that all students receive the **quality** education they need to succeed,
- that they are able to **complete** the studies they begin,
- and that they can do all of this **affordably**, without mortgaging the very future they seek to improve.



QUALITY

- College teaching practices
- Stability for short-term, non-tenure instructors
- Blending of academic, practical, and civic learning



COMPLETION

- Institutional interventions
- Guided pathways designs
- Transitions (e.g. from K-12, across colleges, to work)



AFFORDABILITY

- Timely progression
- Need-based focus
- Clear pricing information





The Further Future

- A more divided country?
- Widespread automation?
- Data dependency?
- Environmental disaster?





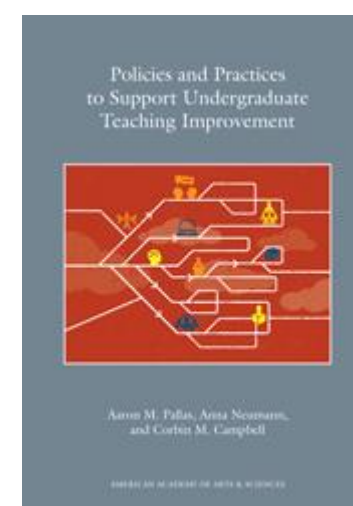
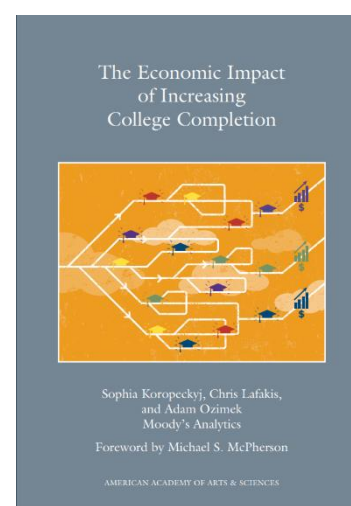
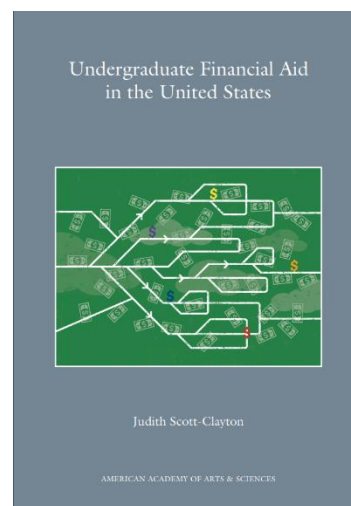
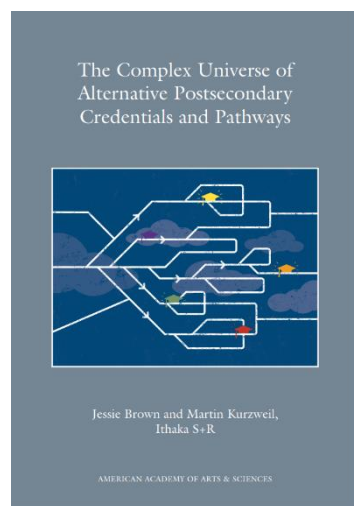
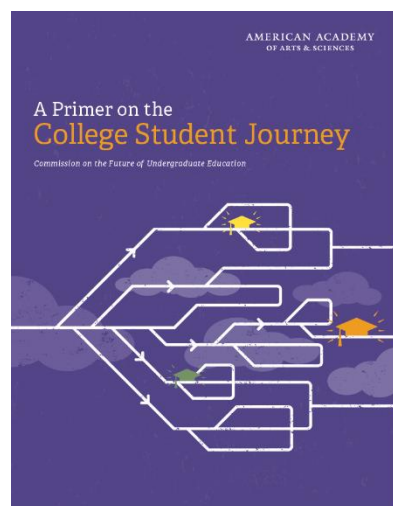
Future Research

- Evidence-based teaching
- Student learning
- Extend teaching and learning research to all fields
- Efficacy of completion initiatives
- Student debt
- International lessons





Publications



All publications available at www.amacad.org/cfue.

